

Modern Data Architecture





Overview.

Facing challenges with data silos, slow insights, and high costs? A modern data architecture streamlines your data management by providing real-time data processing, scalability, and robust security.

It integrates diverse data types, supports real-time analytics, and ensures efficient storage solutions. A modern data architecture is essential for enabling advanced analytics and machine learning capabilities, helping your business derive actionable insights and drive innovation. Transform your data strategy & architecture with our tailored offering achieving operational efficiency and competitive advantage.

What to Expect.

Our streamlined process ensures a seamless journey from initial requirements to final implementation, including thorough testing and validation.

-  **Requirements Analysis**
Comprehensive assessment of business needs and technical requirements incl. business case development.
-  **Target Architecture & Action Plan**
Design of a scalable, flexible, and secure data architecture incl. actionable work packages.
-  **Implementation of agreed on Solution**
Integration of diverse data sources, cost-effective data storages, and robust data processing pipelines.
-  **Test & Validation**
Comprehensive testing of your modern data architecture incl. the validation of defined success criteria.

Customer References.



About Auvaria.

Auvaria is an award-winning consulting and engineering company headquartered in Vienna (AT) and also based in Berlin (DE), which has made it its mission to accompany its customers in their digital transformation with passion and certified expert know-how along the entire cloud journey. As a successful AWS partner, we love and live the digital cloud transformation and enjoy accelerating customer growth and generating the greatest added value.

It's time to change. We change! Reach out to us today:

a.tschauner@auvaria.com · +43 664 1267 791 · www.auvaria.com

Key Benefits.

- 1 Scalability and Flexibility**
A modern data architecture is designed to scale with your business needs, ensuring flexibility to adapt to changing requirements and data volumes.
- 2 Future Proof**
Establish a solid foundation for advanced analytics and machine learning, driving deeper insights and enabling data-driven decision-making
- 3 Drive Business Agility**
Gain insights as events happen in real time. Enable data consumers can create business value by experimenting fast and responding to changes quickly
- 4 Enhanced Security**
Benefit from AWS's comprehensive security features, ensuring your data is protected with industry-leading practices and compliance.



Auvaria

GenAI Proof-of-Concept



Overview.

Explore GenAI's transformative impact with our Proof-of-Concept, utilizing AWS services such as Amazon Bedrock or Amazon Q.

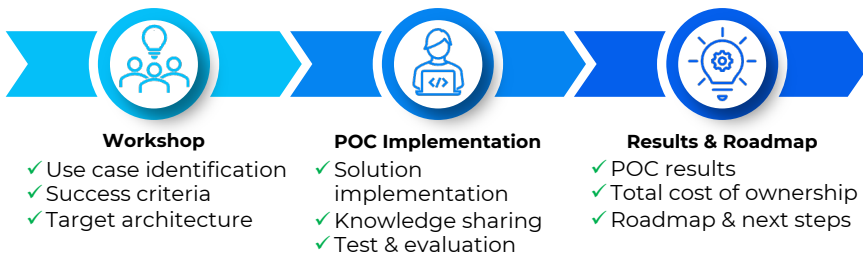
Aimed at businesses looking to upgrade with intelligent solutions like knowledge bases, chatbots or document processing, this fully sponsored consulting & engineering offering by Auvaria and AWS covers an implementation effort of up to 10 person-days.

It's a concise pathway to experiencing GenAI's benefits for operational efficiency and growth and provides your organization a risk-free approach to define and evaluate potential use cases in this field.

What to Expect.

Our process kicks off with a collaborative workshop aimed at identifying the most impactful use case for your business.

Leveraging AWS's machine learning services, we then implement the GenAI solution, resulting in a detailed results report, a strategic roadmap for future scaling, a financial overview for operational expansion, and a proposition for sustained support by Auvaria, guiding you towards a production ready solution implementation.



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Key Benefits.

- 1 Zero Initial Invest**

Consulting & engineering effort is completely sponsored by Auvaria and AWS, allowing you to explore GenAI technologies without financial commitment.
- 2 Customized Implementation**

Tailored GenAI solutions that align with your business objectives and operational needs.
- 3 Expert Guidance**

Access to Auvaria's expertise in AWS services and GenAI applications, ensuring best practices are followed incl. security & compliance.
- 4 Future Ready**

Equip your business with the latest GenAI technologies to stay ahead in a rapidly evolving digital landscape.
- 5 Scalability & Support**

With our technical roadmap and ongoing support, easily scale the solution and maintain it with minimal effort.

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Amazon Q Accelerator



Overview.




Is your organization looking to enhance productivity, innovate with AI, and gain real-time insights? Amazon Q can solve these challenges.

Amazon Q boosts creativity and efficiency through intelligent task automation, enables custom AI solutions, and offers Generative Business Intelligence for instant data insights across teams without prior BI knowledge.

With the Auvaria Amazon Q Accelerator you can receive up to 25.000 EUR in consulting and engineering funding to support your organization in the identification, evaluation and implementation of value-driven use cases across the core domains business and development.

What to Expect.

Our structured approach ensures seamless integration of Amazon Q services from ideation and potential analysis to implementation and validation, ensuring optimal performance and business impact.

-  **Amazon Q - Business**
Generative AI-powered assistant to answer questions, provide summaries, generate content, and securely complete tasks based on data and information in your organization systems.
-  **Amazon Q - Developer**
Assists developers and IT professionals from coding, testing, and upgrading applications, to diagnosing errors, performing security scanning and fixes, and optimizing AWS resources.
-  **Amazon Q - Business Intelligence**
Enable business analysts to quickly build BI dashboards, visualizations, and complex calculations using natural language. It also provides AI-driven executive summaries, allows users to ask questions beyond dashboards, and creates detailed data stories with key insights, trends, and drivers.

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Key Benefits.

-  **Task Automation**
Empowers every employee to quickly turn their ideas into generative AI-powered apps to streamline tasks, and boost individual and team productivity.
-  **GenBI for Everyone**
Build, uncover, and share valuable insights using natural language prompts eliminating the need to be a BI expert. Generate visually compelling documents and presentations that bring your data to life.
-  **Developer Assistance**
Support developers with implementing features, documenting code, bootstrapping new projects, and modernizing legacy code, all from a single prompt.
-  **Security & Privacy**
Integrates existing governance identities, roles, and permissions, personalizing interactions accordingly. If a user doesn't have permission to access certain data without Amazon Q, they cannot access it using Amazon Q either.

